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INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

APPLICANTS

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FILING DATE

January 8, 2002

GROUP ART UNIT

Not yet assigned

U.S. PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AA	6,113,918	09/05/00	Johnson et al.	424	278.1	
AB	4,912,094	03/27/90	Myers et al.	514	54	
AC	B1 4,912,094	02/15/94	Meyers et al.	514	54	

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO
AD WO 98/50399	11/12/98	WIPO	

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AE	Baldrige, "Synthetic Adjuvants: Recent Developments and Applications," IBC Vaccine Conference, Washington DC, February 1998.
AF	Bulusu et al., "Cyclic Analogues of Lipid A: Synthesis and Biological Activities," <i>J. Med. Chem.</i> 35(19): 3463-3469, 1992.
AG	Eustache et al., "New Acyclic Analogues of Lipid A: Synthesis of 4-Phosphonoxybutyl and 3-Phosphonoxypropyl Glycosides of 2-Amino-2-Deoxy-D-Glucose," <i>Carbohydrate Research</i> 251:251-267, January 3, 1994.
AH	Johnson et al., "Synthesis and Biological Evaluation of a New Class of Vaccine Adjuvants: Aminoalkyl Glucosaminide 4-Phosphates (AGPs)," <i>Bioorg. Med. Chem. Lett.</i> 9(15):2273-2278, Aug 2, 1999.
AI	Ikeda et al., "Synthesis of Biologically Active N-Acylated L-serine Containing Glucosamine-4-Phosphate Derivatives of Lipid A," <i>Chem. Pharm. Bull.</i> 41(10): 1879-1881, 1993.
AJ	Miyajima et al., "Lipid A and Related Compounds XXXI. Synthesis of Biologically Active N-Acylated L-Serine-Containing D-Glucosamine 4-Phosphate," <i>Chem. Pharm. Bull.</i> 44(12): 2268-2273, 1996.
AK	Shimizu et al., "Antitumor Activity and Biological Effects of Chemically Synthesized Monosaccharide Analogues of Lipid A in Mice," <i>Chem. Pharm. Bull.</i> 33(10): 4621-4624, 1985.
AL	Shimizu et al., "Biological Activities of Chemically Synthesized N-acylated Serine-linked Lipid A Analog in Mice," <i>Int. J. Immunopharmacol.</i> 16(8): 659-665, 1994.
AM	Shimizu et al., "Biological Activities and Antitumor Effects of Synthetic Lipid A Analogs Linked N-Acylated Serine," <i>Int. J. Immunopharmacol.</i> 17(5): 425-431, 1995.

EXAMINER

DATE CONSIDERED

* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).